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OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/852,797

DATE: 05/31/2001

TIME: 15:16:17

Input Set : A:\PZ003p2seqlist05112001.txt  
 Output Set: C:\CRF3\05312001\I852797.raw

2 <110> APPLICANT: Rosen et al.  
 4 <120> TITLE OF INVENTION: 28 Human Secreted Proteins  
 6 <130> FILE REFERENCE: PZ003P2  
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 9 <141> CURRENT FILING DATE: 2001-05-11  
 11 <150> PRIOR APPLICATION NUMBER: 60/265,583  
 12 <151> PRIOR FILING DATE: 2001-02-02  
 14 <150> PRIOR APPLICATION NUMBER: 09/152,060  
 15 <151> PRIOR FILING DATE: 1998-09-11  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US98/04858  
 18 <151> PRIOR FILING DATE: 1998-03-12  
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 21 <151> PRIOR FILING DATE: 1997-03-14  
 23 <150> PRIOR APPLICATION NUMBER: 60/040,710  
 24 <151> PRIOR FILING DATE: 1997-03-14  
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 27 <151> PRIOR FILING DATE: 1997-05-30  
 29 <150> PRIOR APPLICATION NUMBER: 60/048,100  
 30 <151> PRIOR FILING DATE: 1997-05-30  
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 33 <151> PRIOR FILING DATE: 1997-05-30  
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 36 <151> PRIOR FILING DATE: 1997-05-30  
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 39 <151> PRIOR FILING DATE: 1997-09-05  
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 42 <151> PRIOR FILING DATE: 1997-06-06  
 44 <150> PRIOR APPLICATION NUMBER: 60/068,368  
 45 <151> PRIOR FILING DATE: 1997-12-19  
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 61 tctcccgacat tcctgaggc acatgcgtgg tggtgacgt aagccacgaa gaccctgagg 180  
 62 tcaagttcaa ctggtaacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240  
 63 aggagcagta caacagcactg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300  
 64 ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca acccccattcg 360  
 65 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420  
 66 catccccggat tgagctgacc aagaaccagg tcagcctgac ctgcctggc aaaggcttct 480  
 67 atccaaagcga catcgccgtg gagtgggaga gcaatggca gccggagaac aactacaaga 540  
 68 ccacgcctcc cgtgctggac tccgacggct ccttcttcctt ctacagcaag ctcaccgtgg 600  
 69 acaagagcag gtggcagcag gggAACGTCT tctcatgctc cgtgatgcat gaggctctgc 660

ENTERED  
See p.5

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86   1           5
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115 gccctaact ccgcccagtt ccgcccattc tccggccat ggctgactaa ttttttttat 180
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## RAW SEQUENCE LISTING

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Input Set : A:\PZ003p2seqlist05112001.txt

Output Set: C:\CRF3\05312001\I852797.raw

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 165 cagttccgccc cattctccgc cccatggctg actaattttt ttatattatg cagaggccgaa 180  
 166 ggccgcctcg gcctctgagc tattccagaa gtatgtgagga ggctttttg gaggcctagg 240  
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 176 <221> NAME/KEY: SITE  
 177 <222> LOCATION: (839) /  
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 184 ctgttctaa aggaagtccct gggcaggagg tggcttggt gtttgttcc aaagttgaaa 240  
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 191 ttaagtccct tggctggcc agatggcgtg gctgggttgc ttaatatgtc ccaggacccc 660  
 192 tgacagggttgc cccctgcgtc tcctcaagag cccagtccat acactgtgga 720  
 193 tgcattgtc gtgggttag gaagtctgt cctagaacgc cctggctggat atgaccacag 780  
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 196 gggcagcatg gaacatgcag ctggctcc tggaccagg caccctctgg cactgttgc 960  
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**RAW SEQUENCE LISTING**  
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**Input Set : A:\PZ003p2seqlist05112001.txt**  
**Output Set: C:\CRF3\05312001\I852797.raw**

199	cttaacttcc	tagggctgc	ttagccacc	cagagggtgt	tggagttcag	cggggcagct	1140
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201	ctcaatccct	gaccgttcca	ggcactgagc	tgggcaccca	cggaaggaca	tgtctgtccag	1260
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204	tgccgtactc	caggctgtg	tcggccactc	agatgaggc	tgtgtgcga	gccagtgcag	1440
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206	ccaccatcag	gaccctgtct	ttgggtttag	aagaccaagt	atggggaaaa	ccaggcacca	1560
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210	ttacatgtac	agaactttgt	ctacagcaca	aattaagtta	tataaacaca	gtgactggta	1800
211	ttaatgctg	atctactata	agttattcta	tatttatatg	acttcagaga	cgcgtatgt	1860
212	ataaaggacg	ccctccctcc	agtgtccaca	tccagttcac	cccagagggt	cggcaggtt	1920
213	gacatattta	ttttgtcta	ttctgttaggc	ttccatgtcc	agaatcctgc	ttaaggttt	1980
214	agggtacctt	cagactttt	tgcaataaaa	gtatcccta	tccaaaaaaaa	aaaaaaaaaa	2040
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226	tcgtcttcaa	ggccaagcac	gtggagactg	gcgagatagt	tgcctcaag	aaggtggccc	180
227	taaggcgggt	ggaagacggc	ttcccttaacc	aggccctgcg	ggagattaag	gctctgcagg	240
228	aratggagga	caatcgtat	gtggtacaa	tgaaggctgt	gttcccacac	ggtggaggct	300
229	ttgtgctggc	ctttaggttc	atgctgtcg	atctggccg	ggtgtgcgc	catgcccaga	360
230	ggccactagc	ccaggcacag	gtcaagagct	acctgcagat	gctgctcaag	ggtgtcgcc	420
231	tctgccatgc	caacaacatt	gtacatcg	acctgaaacc	tgcacac	ctcatcagcg	480
232	cctcaggcca	gctcaagata	gcggacttt	gcctggctcg	agtctttcc	ccagacggca	540
233	gccgcctcta	cacacaccag	gtggccacca	ggagctca	gagctgccg	actacaacaa	600
234	gatctcctt	aaggagcagg	tgcccatg	cctggaggak	gtgctgcct	acgtctctcc	660
235	ccaggcatg	gatctgtgg	gtcaattct	tcttaccct	cctcaccagc	gcatcgcagc	720
236	ttcaaggct	ctccatccatc	agtacttctt	cacagctccc	ctgcctgccc	atccatctga	780
237	gctccgatt	cctcagcgtc	taggggacc	tgcccccaag	gcccattccag	ggccccccca	840
238	catccatgac	ttccacgtgg	accggccctt	tgaggartcg	ctgttgaacc	cararctgat	900
239	tcggcccttc	atccctggarg	ggtgagaagt	tggccctgg	cccgctg	tgctcctcag	960
240	gaccactcag	tccacctgtt	cctctgcac	ctgcctggct	tcaccctca	aggcctcccc	1020
241	atggccacag	tgggcccaca	ccacaccctg	cccttagcc	cttgcgaagg	ttggtctcg	1080
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244	aagtggagga	gacagaagtc	tagscccagg	gatggctcca	gttggggatc	cagcaggaga	1260
245	ccctctgcac	atgaggctgg	tttmccaa	tctactccct	caggatgagc	gtgagccaga	1320
246	agcagctgtg	tatttaagga	aacaagcgtt	cctggaatta	atttataaaat	ttaataaaatc	1380
247	ccaatataat	cccaagctgt	gtttttcc	tattataatt	tgataaggt	attataaaaag	1440
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RAW SEQUENCE LISTING  
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261 aattgcaggg	cagcctgcac	tgatcttct	cacttactcc	tctcccatc	agaatcaac	180
262 cagactaagg	agttttgatc	ccttagtgatt	acagccctga	agaaaattaa	atctgaatta	240
263 attttacatg	gccttcgtga	tctttctgct	gttcttactt	tttgcataatgt	agttgggggg	300
264 tgggaggggac	aggttatggt	atttaaagag	aataaacatt	ttgcacatac	atgtattgt	360
265 caacagtaag	atcctctgtt	aaaaccagct	gtcctgttct	ccatctccat	ttcttccat	420
266 gctgttaacc	caggtccac	cagctgttcc	ccagtgtatgt	tacctagctt	ccctctaccg	480
267 ttgtctactg	accatttcca	ctacatgcct	ttccttacctt	cccttcacaa	ccaatcaagt	540
268 gaatacttga	ttattatctc	ttccttactg	tgctttatct	tttttgtttg	gattgggtct	600
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286 taagagctgt	ggtgagacct	tcaactccat	caccaagagg	aggcatcact	gcaagctgt	180
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288 gtctgcagag	attgtttcct	gacacagcca	gtggccctg	agagcacaga	gaagacaccc	300
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294 agcaactgt	cccatggga	cacggccag	gacagcccg	ggccctgca	gttcaggc	660
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296 acctgtgctg	tcctgggagg	tggtgttga	ggcccccatt	agagcgcct	ggacttgctt	780
297 gagggtgggc	caacagccca	gagytcaag	catttggctt	tggggggaa	gaaaytgagg	840
298 cccagagagg	ggcaaccayt	ggccaagggt	caccagcaa	gttttgyta	agagcctggc	900
299 ctccagcccc	agcagtktgg	cccagacag	ggccgaytg	ccaaagtaac	catcatccat	960
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301 gacagccaca	tcctgttgt	ctgcagctgt	gtccaccccg	cctctgccc	gcctgtctac	1080
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304 taaccacgt	cagaagctt	gctaggactt	accccagcca	ctgagtgca	ggcgcatgag	1260
305 atttgtggct	gttcctgtat	ctagtgac	acagtgttta	tctgcataaa	taaacactgg	1320
306 scaccaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaac			1348

F.Y.

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/852,797

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Input Set : A:\PZ003p2seqlist05112001.txt  
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L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
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L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
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L:1765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:2115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:2269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:2584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:2596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:2656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:2659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:2850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/852,797

DATE: 05/31/2001

TIME: 15:16:18

Input Set : A:\PZ003p2seqlist05112001.txt  
Output Set: C:\CRF3\05312001\I852797.raw

L:2865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:3108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:3209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
L:3224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
L:3242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90  
L:3423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95  
L:3826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104  
L:3924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106  
L:3957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107  
L:4183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118  
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118